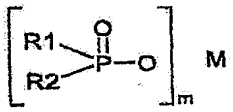
AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Original) Flameproof polyamide moulding compositions, comprising:

a) 30 - 80% by weight of a semi-aromatic, partially crystalline polyamide

b) 1 - 30% by weight of a flame retardant, containing a phosphinic acid salt of formula (I) and/or a diphosphinic acid salt of formula (II) and/or polymers thereof



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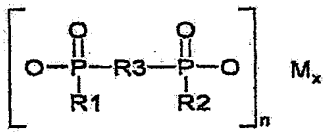


(2)

wherein

R1, R2 are the same or different and mean C1-C6 alkyl, linear or branched and/or aryl,

R3 means C1-C10 alkylene, linear or branched, C6-C10 arylene, -alkyl arylene or aryl alkylene;

M means metal ion from the 2nd or 3rd main or auxiliary group of the periodic table;

m means 2 or 3;

n means 1 or 3;

x means 1 or 2,

c) 5 - 60% by weight of a fibre- or particle-like filler or mixtures thereof

d) 0.05 - 10% by weight additives

the sum a) to d) yield 100% by weight.

2. (Currently Amended) Flameproof polyamide moulding compositions according to claim 1, wherein the semi-aromatic polyamide has a melting point of at least 280°C~~, preferably of at least 295°C~~.

3. (Previously Presented) Flameproof polyamide moulding compositions according to claim 1, wherein the semi-aromatic polyamide a) is selected from the group formed by polyamides, the repeating units of which are derived from terephthalic acid, possibly from a further aromatic dicarboxylic acid and/or from one or more aliphatic or cycloaliphatic dicarboxylic acids and also from aliphatic and/or cycloaliphatic diamines and also possibly from aliphatic amino acids.

4. (Previously Presented) Flameproof polyamide moulding composition according to claim 3, wherein the semi-aromatic polyamide a) is selected from the group formed by polyamides, the repeating units of which are derived from terephthalic acid, adipinic acid and possibly isophthalic acid and also from hexamethylene diamine.

5. (Previously Presented) Polyamide moulding composition according to claim 1, wherein the polyamide is formed from terephthalic acid (TPS) and isophthalic acid (IPS) and hexamethylene diamine.

6. (Previously Presented) Polyamide moulding composition according to claim 5, wherein the polyamide contains TPS and IPS in a ratio of approx. 70 : 30.

7. (Previously Presented) Polyamide moulding composition according to claim 1, wherein the polyamide is formed from terephthalic acid (TPS) and adipic acid and hexamethylene diamine.

8. (Previously Presented) Polyamide moulding composition according to claim 7, wherein the polyamide contains TPS and adipic acid in a ratio of approx. 55 : 45.

9. (Previously Presented) Flameproof polyamide moulding composition according to claim 1, wherein there is used as flame retardant b) a phosphinic acid salt of formula (I) and/or a diphosphinic acid salt of formula (II) and/or polymers thereof, wherein M stands for calcium or aluminum ions.

10. (Currently Amended) Flameproof polyamide moulding composition according to claim 1, wherein the phosphinic acid salt used as flame retardant is contained in a quantity of 1 - 30% by weight~~, preferably 5 - 25% by weight, particularly preferred 8 - 20% by weight,~~ relative to the total formulation.

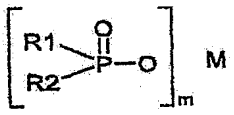
11. (Previously Presented) Polyamide moulding composition according to claim 1, wherein the additive is selected from stabilizers, processing aids, anti-dripping agents, dyes and/or pigments.

12. (Currently Amended) ~~Use of the flameproof moulding composition according to claim 1 for producing moulded articles~~ A method of producing moulded articles comprising

(i) providing a flameproof moulding composition comprising:

(a) 30 - 80% by weight of a semi-aromatic, partially crystalline polyamide,

(b) 1 - 30% by weight of a flame retardant, containing a phosphinic acid salt of formula (I) and/or a diphosphinic acid salt of formula (II) and/or polymers thereof



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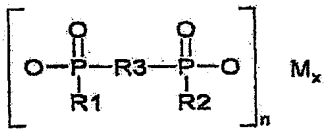


(2)

wherein

R1, R2 are the same or different and mean C1-C6 alkyl, linear or branched and/or aryl,

R3 means C1-C10 alkylene, linear or branched, C6-C10 arylene, -alkyl arylene or aryl alkylene;

M means metal ion from the 2nd or 3rd main or auxiliary group of the periodic table;

m means 2 or 3;

n means 1 or 3;

x means 1 or 2,

(c) 5 - 60% by weight of a fibre- or particle-like filler or mixtures thereof, and

(d) 0.05 - 10% by weight additives, the sum a) to d) yield 100% by weight, and

(ii) producing a moulded article from the flameproof moulding composition using an injection moulding process.

13. (Currently Amended) The method of claim 12, wherein the ~~Use of the flameproof moulding compositions according to claim 12 for producing~~ moulded articles ~~which~~ fulfill the requirement according to the UL 94-flammability classification VO found with test pieces with a thickness of 0.4 mm.

14. (New) Flameproof polyamide moulding composition according to claim 10, wherein the phosphinic acid salt used as flame retardant is contained in a quantity of 5 - 25% by weight relative to the total formulation.

15. (New) Flameproof polyamide moulding composition according to claim 14, wherein the phosphinic acid salt used as flame retardant is contained in a quantity of 8 - 20% by weight, relative to the total formulation.

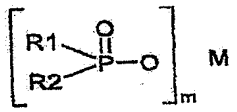
16. (New) Flameproof polyamide moulding compositions according to claim 2, wherein the semi-aromatic polyamide has a melting point of at least 295°C.

17. (New) Flameproof polyamide moulding composition according to claim 1, wherein the composition fulfills a flammability classification according to UL94 of VO at 0.4 mm.

18. (New) A moulded article comprising:

a) 30 - 80% by weight of a semi-aromatic, partially crystalline polyamide

b) 1 - 30% by weight of a flame retardant, containing a phosphinic acid salt of formula (I) and/or a diphosphinic acid salt of formula (II) and/or polymers thereof



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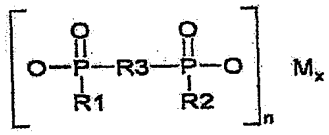

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M means metal ion from the 2nd or 3rd main or auxiliary group of the periodic table;

m means 2 or 3;

n means 1 or 3;

x means 1 or 2,

c) 5 - 60% by weight of a fibre- or particle-like filler or mixtures thereof; and

d) 0.05 - 10% by weight additives,

the sum a) to d) yield 100% by weight,

wherein the moulded article fulfills a flammability classification according to UL94 of VO at 0.4 mm.